AMENDMENTS TO THE CLAIMS

Cancel claims 17 and 18 without prejudice. Please accept amended claim 1-16, 19 and 20 as follows:

1. (Currently Amended) A <u>terminal for communicating over a computer-network using a message, wherein the terminal encodes the message and said message comprises,</u>

<u>a</u> Protocol Data Unit encoded in accordance with a Simple Supplementary Services Protocol (SSSP) and carried via ~~messages~~ <u>said message,</u> ~~over an existing protocol~~ <u>wherein said message is formatted</u> for network communications, <u>the Protocol Data Unit</u> comprising[[:]]<u>,</u>

an identifier field for identifying different functionally based supplementary services[[;]]<u>,</u>

an identifier field for denoting message endings[[;]]<u>,</u> and

a parameters extensions field separating said identified field and said end tag field.

2. (Currently Amended) ~~A Protocol Data Unit~~ <u>The terminal</u> according to claim 1, wherein said ~~existing protocol is~~ <u>message is formatted according to</u> H.323 and said Protocol Data Unit is encoded using Alpha Numeric String Encoding and transmitted within a non-standard data field of H.323 messages.

3. (Currently Amended) ~~A Protocol Data Unit~~ <u>The terminal</u> according to claim 2, wherein said identifier field contains a PDUName comprising an SSSPTag, ParameterSeperator, PrimitiveName and PDUType.

4. (Currently Amended) ~~A Protocol Data Unit~~ The terminal according to claim 3, wherein said SSSPTag is limited to two characters for identifying said messages as being Alpha Numeric String Encoded.

5. (Currently Amended) ~~A Protocol Data Unit~~ The terminal according to claim 4, wherein said ParameterSeperator is a comma.

6. (Currently Amended) ~~A Protocol Data Unit~~ The terminal according to claim 5, wherein said PrimitiveName is limited to three characters, two of said characters being unique for identifying different classes of said supplementary services.

7. (Currently Amended) ~~A Protocol Data Unit~~ The terminal according to claim 6, wherein said PDUType is limited to one character.

8. (Currently Amended) ~~A Protocol Data Unit~~ The terminal according to claim 7, wherein said PDUType is one of either "I" for Indication, "Q" for Request, "R" for Response, "C" for Command, "E" for Error.

9. (Currently Amended) ~~A Protocol Data Unit~~ The terminal according to claim 1, wherein said parameter extensions field further includes a ParameterSeperator and at least one Parameter.

10. (Currently Amended) ~~A Protocol Data Unit~~ The terminal according to claim 9, wherein said ParameterSeperator included in said parameter extensions field is a comma.

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11. (Currently Amended) ~~A Protocol Data Unit~~ The terminal according to claim 1, encoded using DTMF String Encoding for transmission to non-H.323 devices.

12. (Currently Amended) ~~A Protocol Data Unit~~ The terminal according to claim 11, wherein said identifier field contains a Feature Tag and Feature Code.

13. (Currently Amended) ~~A Protocol Data Unit~~ The terminal according to claim 12, wherein said Feature Tag is limited to two characters for identifying said messages as being DTMF String Encoded.

14. (Currently Amended) ~~A Protocol Data Unit~~ The terminal according to claim 13, wherein said Feature Code is limited to six characters for identifying different classes of said supplementary services.

15. (Currently Amended) ~~A Protocol Data Unit~~ The terminal according to claim 14, wherein said parameter extensions field further includes a ~~parameterSepeerator~~ ParameterSeperator and at least one Parameter.

16. (Currently Amended) ~~A Protocol Data Unit~~ The terminal according to claim 15, wherein said ParameterSeperator is an asterisk.

17-18. (Cancelled)

19. (Currently Amended) A <u>computer-implemented</u> method of encoding a Protocol Data Unit in accordance with a Simple Supplementary Services Protocol and transmitting said Protocol Data Unit via ~~messages over an existing protocol~~ <u>a message formatted</u> for network communications comprising<u>:</u> ~~providing within said Protocol Data Unit:~~

<u>providing within said Protocol Data Unit</u> an identifier field for identifying different functionally based supplementary services;

<u>providing within said Protocol Data Unit</u> an end tag field for denoting message endings; and

<u>providing within said Protocol Data Unit</u> a parameters extensions field separating said identifier field and said end tag field.

20. (Currently Amended) ~~A~~ <u>The computer-implemented</u> method according to claim 19, ~~wherein~~ <u>further comprising:</u>

<u>formating</u> said ~~existing protocol is~~ <u>message according to</u> H.323<u>;</u> and

<u>encoding</u> said Protocol Data Unit ~~is encoded~~ using Alpha Numeric String Encoding and transmitted within a non-standard data field of H.323 messages.